

# EAST Search History

- RCL - 10/17/2006

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L2    | 776  | (oil-in-water or "oil in water") with ("water in oil" or water-in-oil) with inver\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/10/17 08:54 |
| L3    | 0    | l2 and into   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/10/17 08:54 |
| L4    | 446  | (oil-in-water or "oil in water") with ("water in oil" or water-in-oil) with polymer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/10/17 08:54 |
| L5    | 265  | l4 and (molecular adj weight)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/10/17 08:55 |
| S1    | 62   | ("3301746" "3473576" "3573164" "3700623" "3772076" "3812000" "3821068" "3934005" "3974025" "4011389" "4191609" "4208459" "4239065" "4266962" "4300981" "4413087" "4447413" "4510081" "4528239" "4637859" "4874465" "4971714" "4981557" "5059282" "5215626" "5221435" "5228954" "5246545" "5264082" "5405499" "5415737" "5487813" "5499198" "5510000" "5525345" "5525575" "5538595" "5543067" "5573637" "5611890" "5637743" "5656132" "5750492" "5753079" "5800675" "5814188" "6040071" "6103793" "6146648" "6162329" "6214771" "6228223" "6420013" "6547928" "0006676").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2005/09/20 10:53 |
| S2    | 22   | ((("6179691") or ("6261580") or ("6420013") or ("5611890") or ("5405499") or ("5487813") or ("5635028") or ("5958185") or ("5679218") or ("5672249") or ("5700352") or ("5865950") or ("6126784") or ("6797117") or ("6458450") or ("6579416") or ("6547928") or ("6755939") or ("6855229") or ("6547928") or ("5468398") or ("6458343") or ("6607637"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2005/09/20 10:56 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S3  | 79    | S1 or S2  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | ON  | 2005/09/20 11:20 |
| S4  | 8558  | (162/100,109,111,112,113,123,135,158,163,164.1,164.6,164.7,168.1,168.3,168.2,168.7,181.1,181.2,183,184,181.3,202,204).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/20 11:22 |
| S5  | 5162  | (252/8.63,8.81,8.86,175,180,181).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/20 11:22 |
| S6  | 0     | ("I3orI4orI5").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/20 11:23 |
| S7  | 13717 | S3 or S4 or S5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/20 11:41 |
| S8  | 14931 | ((emulsion or suspension) with (oil-in-water or "oil in water")) and ((emulsion or suspension) with (water-in-oil or "water in oil"))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/20 11:44 |
| S9  | 62    | S8 and electrolyte and (("high MW" or "high molecular weight") near2 polymer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/20 12:42 |
| S10 | 28    | S9 and inver\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/20 13:15 |
| S11 | 22    | ((("4960764") or ("4254105") or ("4976953") or ("5073372") or ("5447644") or ("3681241") or ("4497716") or ("5929025") or ("6040071") or ("6162329") or ("6420013") or ("3284393") or ("3826771") or ("3624019") or ("4418237") or ("3259570") or ("3171805"))).PN. | USPAT;<br>USOCR                                       | OR | OFF | 2005/09/20 13:17 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S12 | 84      | S11 or S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/20 13:28 |
| S13 | 870     | ("bilayer disrupter" or emulsifier or "nonionic surfactant") and plasticizer and "rheology modifier" or "viscosity modifier" and S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/20 13:30 |
| S14 | 46      | ("bilayer disrupter" or emulsifier or "nonionic surfactant") and plasticizer and ("rheology modifier" or "viscosity modifier") and S8 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/20 13:31 |
| S15 | 1       | ("4745154").PN.   | USPAT;<br>USOCR                                       | OR | OFF | 2005/09/21 14:22 |
| S16 | 0       | spray and viscosity and "high molecular weight polymer" and "oil\$1in\$1water" and (invert or reverse or inverse)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/04 08:42 |
| S17 | 1901    | spray and viscosity and "high molecular weight polymer"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/04 08:42 |
| S18 | 208     | S17 and (oil-in-water or "oil in water" or "water in oil" or water-in-oil)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/17 08:52 |
| S19 | 48      | S18 and soften\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/04 08:44 |
| S20 | 1379462 | S19 and tissue or paper   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/04 08:44 |
| S21 | 36      | S19 and (tissue or paper)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/04 08:58 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S22 | 49 | ((("oil in water" or oil-in-water)<br>near2 emulsion) with soften\$3 and<br>(tissue or paper) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/04 09:00 |
| S23 | 1  | ("20040082668").PN.   | US-PGPUB  | OR | OFF | 2006/07/18 10:39 |